

THE ARIZONA MINING FIELD

Items About the Mines and Mineral Development Culled From Exchanges.

TREASURELAND OF AMERICA

Reports From Many Districts in the Territory, Telling of Important Discoveries, Active Operation and Organization of New Companies.

The director of the United States mint accredits Arizona with the production, during the year just closed, of \$5,784,000 in gold and \$1,195,215 in silver.

Recorder Thos. G. Peyton and wife visited Superior this week and he was shown through the company's mines by the superintendent. He says it is a great property and shows mammoth ore bodies.—Florence Blade.

The Morenci Standard announces that the Arizona Copper and Detroit Copper companies will build a dam below their concentrators, and store the tailings from their plants, which will stop the flow of the tailings down Casa creek. After the water has evaporated from the tailings they will be elevated and conveyed to the mines and used for filling in old workings.

The Dos Cabezas Gold Mining company has received at its camp in Gold gulch two large boilers, which the company expects to have installed and running within three weeks. The Range News states that the dirt is estimated to run about \$5 per ton, and that when the boilers are installed, the present machinery will handle from 100 to 200 tons per day, running full capacity.

The principal producers of gold and silver in Arizona are the Congress mine in Yavapai county, the Commonwealth mine in Cochise, the Fortuna in Yuma, the King of Arizona in Yuma, and the Octave in Yavapai, whose combined production is estimated at \$4,500,000. Some heavy shipments have also been made from the Consolidated mines at Tombstone, whose production for 1904 will doubtless be heavy.

Fred P. Clark, of Clifton, a chemist and metallurgist of high standing, will have charge of the construction of the new blast furnace to be erected by the Empire company at Benson. The material for the furnace is expected to arrive within a week, and Mr. Clark will get things in readiness for its installation. When the smelter blows in, Mr. Clark will hold the position of head chemist and metallurgist.

Sheriff Lavin transported another big bar of gold bullion from Gold Road Tuesday to Wells Fargo. Those weekly visits of glittering bars are assured for a long time to come. Sometimes the bars go to Needles and often to Kingman. This dividing up of the wealth is to fool any prowling footpad that might so far forget himself as to attempt to add one of these golden products of Mohave county to his other hard earnings.—Our Mineral Wealth.

J. T. Pendagast, of the Prescott-Arizona Gold Mines company, received another shipment of fine gold and nuggets from the men in charge of the works today. The gold is very fine and the nuggets range in size from 10 cents to \$8. The company owns valuable placer and quartz property in the Hillside section and is working steadily. Pete Sorenson, who designed and manufactured the big dry washer, works the machine to a charm, saving the finest of gold, something unusual for a dry washer.—Prescott Herald.

The Detroit Copper company, under the management of Superintendent Hunt, of the concentrating plant, is now installing an oil concentrating machine, the success of which will be hailed with interest throughout the southwest. Concentrating by oil is not exactly an experiment, as it has been found to work successfully in Utah and some other sections. If successful in this section it will eventually do away with the expense of pumping water to the Detroit Copper and Arizona Copper concentrators at Morenci, which is a heavy item.—Copper Era.

For some time there has been a movement on foot by the Bradshaw Mountain Copper Mining and Smelting company, which has large mining interests at Middleton, to purchase the Val Verde smelter for the purpose of reducing the ores of the company and also for custom purposes. The deal has finally been consummated and the Bradshaw Mountain Copper Mining and Smelting company will take charge of the smelter some time next month. There will be very little change made in the management of the institution, but there will be addi-

tional force employed, as it is proposed to keep the smelter busy twenty-four hours a day hereafter. The company which now owns the smelter has enough ore alone to keep the plant running, and there will be no occasion for it to be closed down an hour after they take charge of it.—Journal-Miner.

J. G. Pritchard, president of the Gold Nugget Mining company, located in the eastern portion of this county, and near old Fort Bowie, in the Bowie mountains, has been in Douglas for the past two days on business connected with this property. The Review learned last night that a deal was about to be consummated whereby a group of Douglas capitalists were to assume control of the property. An offer had been made looking to this end, and Mr. Pritchard, who had expected to return home last evening, will remain over in the smelter city for another day.—Review.

Jules Baumann is in town from the Baumann Copper company where he has a force of men at work developing that property. He says that during the past few weeks development work has been most gratifying as he has encountered some remarkably rich ore in the Swiss Girl, Arizona, Baby, and Laura claims. He has taken out a lot of samples for exhibition at the St. Louis exposition, which are very fine. It will be remembered that samples from these claims were awarded a diploma and medal at the Chicago exposition.—Journal-Miner.

Excitement runs high at Gold Road, Mohave county, over the numerous rich strikes of leasers on the Billy Bryan, one of the company mines. While ore runs up into the thousands the average is said to be, by miners coming in from there, \$1000 a ton. Even the saloon keepers are closing or selling their fountains of youth and joining the leasers. Jim Carter has disposed of his place to J. N. Cohenour who left this morning to take charge. Such wonderful ore in quantity was never before seen in this county. Many leasers will make their stake while the Gold Road company reaps a golden harvest.—Our Mineral Wealth.

The Prescott Journal-Miner is informed of an important gold discovery in the Welcomes mining property, situated about five miles from Martinez, halfway between Congress and Octave. A small strainer of rich ore was followed until it grew much stronger and yielded several tons of fine ore. A tunnel was then run to tap the vein at greater depth and when the ledge was intersected it proved to be wonderfully rich. Wells H. Bates, the Journal-Miner's informant, says he panned out some of the ore that went as high as \$1.50 to the ounce. The vein was encountered at a depth of about eighty feet from the surface and the miners are now upraising. The width of the vein in some places is nearly two feet.

The installation of a large custom reduction plant in this valley is no longer a question of doubt. The site for such a plant was selected and purchased this week by Mr. W. S. Fletcher, a prominent citizen and capitalist of Pasadena, California. The necessary machinery has been contracted for and as soon as it can be completed and delivered on the ground the work of assembling it will be begun. The Phoenix & Eastern track is now within three miles of the smelter site and will have reached the latter by the time the machinery is ready for delivery. The primary purpose of the plant, of course, is to treat the ores of the Golden Quiver group, of Mineral Hill district, this county, and a large gold group, situated in Mohave county, both of which are owned by Mr. Fletcher. But the initial plant will have sufficient capacity to handle custom ore in addition to the output of the Fletcher mines.—Florence Blade.

The Bisbee correspondent of the Mining World writes: "Improvements extraordinary are in progress at nearly all of the shafts of the Copper Queen company; the old dump at the Spray shaft is being regraded to make room for more modern buildings and to furnish more dumping ground. At the Holbrook shaft of the same company massive bins are being erected, the intention of the company being to make this shaft more the center of their various workings than it has been heretofore. It is but a short time since the shaft at this mine was enlarged from a three to a four compartment affair to facilitate the handling of the large amount of ore that has been hoisted there. Centrally situated, the Holbrook is easily the most convenient spot for general shipping and handling of mine necessities. Corrugated iron buildings are fast replacing the old wooden structures that have seen service for nearly a score of years, and the sawmill at this shaft, when completed, will be the best equipped in the camp."

The Chloride Arrow says that work on the old mining property at Planet, in Mohave county, is being enforced in good earnest, and the prospecting of the ground south of the old surface croppings is receiving the greatest attention. In the early '60s this mine, now belonging to the Planet Copper Mining company, was largely worked and produced immensely rich returns for its owners at that time. Then came a pinching of ore in the veins

that had just before been so large and rich, but work went on for some time but finally all work was stopped and the mine and its surface equipments were practically left to their fate for many years. Later on it was again taken hold of with no other view than the finding of the lost ore vein, and it now seems that the present company is nearing a fruition of its hopes and will reap a rich profit for their indefatigable efforts in the face of so many despairing efforts. Two of the drifts being cut under the hill are in iron and copper of a big paying value and the company is making additional improvements with a long tenure of work before them.

The new strike on Apache creek is in the extreme north end of the Mayflower district, says the Copper Era. The lead upon which the strike was made is near the line of New Mexico and Arizona, with a strike northwest and southeast. About half of the claims located on the lead are in Arizona, and the other half in Grant county, New Mexico. The locators sunk a shaft 12 feet. They found the vein matter 7 feet wide, all of which will pay well, 4 feet of which will average more than \$100. The lowest assay they have yet had was \$45, and the best average \$135. The entire vein matter seems to be pretty evenly impregnated with gold, all of which pans well. A string of gold two or three inches long can be had from a small piece of ore. The lead, as it is traced by the occasional outcroppings, is running directly for the Jim Crow mine, a mile or so west of the old Carlisle mines. All of the country between the strike and the Jim Crow mine has been located, but as the vein does not crop out on the surface, it is yet too soon to determine whose location covers the valuable lead. The lead is covered by a capping of from 8 to 12 feet thick except at an occasional outcropping. On some parts of the claims already located prospectors in years past went through the capping and then abandoned the work before finding the lead, which a little more energy would have uncovered.

DEER CREEK COAL FIELDS

Their Development and Building of Railroad Promises Cheap Fuel

Mr. M. R. Campbell, of the United States geological survey, has been making a preliminary examination of the Deer creek coal fields of Pinal county, Arizona.

This field is of comparatively small extent, and the coal beds are thin, but they may have considerable economic importance, as the field lies within easy reach of the great copper camps of Arizona, the development of which depends in a large measure upon the supply of a moderately cheap fuel. The importance of this inquiry may be appreciated from the fact that wood is difficult to obtain at prices which range from \$8 to \$11 a cord, that coal of average quality retails from \$6 to \$15 a ton, and that coke for the copper smelters cost from \$12 to \$50 a ton depending upon the distance from the main lines of transportation. These facts give to the Deer creek coal fields a positive prospective value greatly beyond what it would have were it located in Colorado or near the great coal fields of the eastern states.

The Republican says the Deer creek coal field lies about 85 miles northeast of Tucson and just east of the junction of the San Pedro and Gila rivers. The field has at present no railroad connection with the outside world, but when the line that is now building up the Gila river above Florence is completed, it will be in reach of most of the large towns and of the great copper producing centers of the region.

The field has an approximate length of 10 miles and a known breadth of 5 or 6 miles, with the possibility that the coal may be present farther to the southwest than is now known, making the breadth equal to the length of the field.

GREAT GOLD STRIKE LOCATED NEAR DOUGLAS

A press dispatch from Douglas, Arizona, says: One of the greatest gold strikes ever made in this section has been reported at the Santa Rosa district about fourteen miles from Douglas. The property is gold and is immensely rich, and when the property was examined it was found to be a ledge of about six feet, having fifteen inches pay streak.

It is wire gold and runs thousands of dollars free gold.

The country is everywhere mineralized, and is attracting great attention. There are many people coming in and going out to this camp.

It is believed that this will be one of the greatest mining districts of the entire west.

The Visitation

Now that William Jennings Bryan threatens to go down there for the purpose of editing a daily, St. Louis is beginning to realize some of the awful consequences of her rashness in taking the Democratic national convention away from Chicago.—Chicago Inter-Ocean.

Advice of a Druggist

"It is proper, I think, to let others know about the popularity and virtues of Acker's English Remedy for Coughs, Colds and Consumption. From the moment I began handling it, it sold rapidly, and the sales keep growing all the time as fast as people find out what a remarkable preparation it is. The satisfaction it gives is universal. Our best citizens use it and say it is the best thing for throat and lung troubles they ever saw. Mr. S. H. Culver, one of our prominent townsmen, says Acker's English Remedy is the only medicine that helped his chronic cough of many years' standing. At first it gave relief, and now, after taking a few bottles, he is wholly cured. I buy it by the gross at a time, and my sales are larger on this one medicine than on any other in my store. It is a great pleasure for me to feel that while I am prospering I am also doing so much good to the community in selling such a grand medicine." Signed R. E. DORRIS, Westfield, N. Y.

See it at 25c, 50c, and \$1 a bottle, throughout the United States and Canada; and in England, at 1s, 2s, 3s, 4s, 6s. If you are not satisfied after trying, return the bottle to our druggist, and get your money back.

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Pinal Mountain Lodge, No. 11, Knights of Pythias

Meets regularly every Thursday evening in the I. O. O. F. Hall. Visiting Knights in standing, cordially invited.

S. C. OWENS, C. C.

R. H. OLLSON, K. of R. and S.

F. & A. M.

Regular meetings of White Mountain Lodge, No. 3, will be held the first Tuesday in each month, in Odd Fellows' building.

W. D. FISK, W. M.

G. W. SHUTE, Secretary.

Globe Chapter No. 7, R. A. M.

Regular Conventions of Globe Chapter, No. 7, R. A. M., fourth Friday evening in each month; from May to October, 8 p. m.; from October to May, 7:30 p. m. Visiting companions cordially invited.

C. I. MARTIN, H. P. O.

W. D. FISK, Secy.

B. P. O. E.

Globe Lodge, No. 489, B. P. O. E., meets on the First and Third Fridays in each month in Odd Fellows Hall. Visiting Elks are cordially invited.

GEO. J. STONEMAN, E. R.

R. J. WILLIAMS, Secretary.

A. O. U. W.

Globe Lodge No. 15, meets on the First and Third Friday of each month at eight o'clock p. m. in Miners' Union Hall. Visiting brothers in good standing are cordially invited to attend.

PATRICK ROSE, M. W.

L. N. MARK, Recorder.

I. O. O. F.

Rescue Lodge, No. 12, meets on every Wednesday evening. Visiting brothers are cordially invited.

GEORGE H. WRIGHT, N. G.

J. M. CURRITT, Secretary.

Red men.

Tonto Tribe No. 13, Improved Order of Redmen, meets first and third Thursdays in each month, in Miners' Union Hall.

WM. GRAVELLE, Sachem.

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